







Reference condition determined from unperturbed sites

- High confidence quality is protected
- Simple
- What is "reference quality"?
- Lacking available data

Data distribution approach

Assumes some percentage of data represents good quality water.

- Subjective
- Simple, data available
- Some percentage of streams won't attain



Correlation of nutrient concentrations to other environmental variables

- Commonly used for other criteria
- Select multiple criteria
- Nutrient models are complex multivariate
- Lack of data for Maine waters

Effects-based

Uses nutrient criteria as 'screening"
values, dependent on other criteria to
determine attainment

- Confidence that uses are attained
- Can set multiple criteria
- Few response criteria available for marine waters
- Two types of data required cost